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COMMANDED BY

Capt of New hoven



F. J. SLOANE & CO.

Successors to J. H. LANGE,

IMPORTERS AND MANUFACTURERS OF

Chronometers, Nautical and Optical Instruments,

Cor. PRATT ST. and SPEAR'S WHARF,

BALTIMORE.

Wilbur & Hastings, Stationers and Printers, 40 Fulton St., N. Y.

Yournal from Baltimore 160 towards New Heaven com HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Monday 24 Sept 1880

2 Shis alay fine walker throughout windless of the sough out windless of the sough of the soug loet dock to loade lole for New Heaven took in this day 400 hundred toones of colo so pumpes attended to vessel tite so endes This, der comences I with Seleas wat with hight bleeges yes the stap finished foding 458
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dock made saile & proceded down the bay 10 at 8 pm passed thomas point at 12 midnight 12 passed sharpes sistend light breezes W. M. M. Thenselv 29 Aleng of sept 1880 This olen comences with Olean wather with breezes Of M. W. al & Den passed point lookant at & Massed out by some henry et 12 mielnight eape charles bore Will Malistant 8 smilet fresh breeg ls N.M. M. took in & furleel all Course. . Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. WINDS. LEEWAY. Barometer. 12 10 Lon. by Ob. Lon. in. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Distance. Course.

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3	K	F	COURSES.  Shis Sa breezes  Aistas	y Donne	le de	Therm Air.	water.	Barometer.	REMARKS. Moondly 2 day of October  18 walks Courth modra  Sight beers of M.S.  Cland barring M.S.	
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Fournal from Hashos Journal towards in Charleston 3,00 HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Sunday of Joven 1880 This day through but wind N. E. & slowing look in no Peary of this day so ender This day fine walker throughout wind 1. 1. E continued loding so endes This day fine wather throughout wind lither at 12 noon fineshed loding beggs of ground phosphale for Biring asland remained at the dock the remainder of day pumpes allow This day someness with modrate breezes 1886 with passing clouds at & In look hig lowed out mito the stream of came to anchor last part of this day light breezes 6.1, 6 or over east pumpes carfusig attended to so endes this day, Course. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lat. Diff. of Lon. Lon. in. Lon. by Ob. ournal from Charleston, s.e. lowards Barren Band. 1.4. WINDS. LEEWAY. Thermometer Barometer. REMARKS Budley (day of This elling comences with light a & I storme heavy seed large quianty of water pumpes carfuly allend te so andes this day Saturday 20 day of November Et 10 to he wind suddenty holed to Muantines of 12 Pross See from Lon. by Ob. Lon. in. Lat. by D. R. Lat. by Ob. Diff. of Lon. Distance. Diff. of Lat. Departure. Variation Course.

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Zournal from towards HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS Judley 26 day of. Journ 1880 This day throughout sound I. E & storming remaned at anchos all of this day under look out pumper allend Salurday 27 day of Joven 1880 This day commes with tresh believes 1.1. ET over east at 9 alm got under way & stood out by the shot at 1 km holed to asound the point of sholes wind I.E. with stormer appearence at 400 m look in all light sailes of the Ship to the westward at a Pm Eape fookant light bore N.W distant 10 miles lack to the eastweel tast part of this day modrate breezes Ni & I storming pumpes earfuly attended to Musilley 28 stery of November 1880 This elling commences with moderate galles 1.6. I stogmind at & a in lack ship to the westward at 70 made the land lack to the eastward et 9 do the wind holed to the SSEN comenced to blow et 11 do look in the flying file reaft the spanker blowing a fall self with heavy cross sea vessel Shipping large you and thes of water at 6 Pm made cape halleras barring North distant 15 miles el 8. 19m The soind modes aled of holed to the World sot all sails to the vest at antig at 12 midnight cape halleras bore distant 10 miles dight breezes. W.S. W pumpes allended Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. Course. COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Conding day of HKF 1880 This elen comences with hight brees tes yes. If the V storming middle part ealm et & on took wind from the N.E look in all light sailes of furted them at 12 midnight eurrituek light D. I distant 15 miles fresh Gales A. M. EV meren prompes carfuly attended so endes thes day Busday 30 day of November 1980 This der comences with Tresh gales 1.1.6 overent at 2 a m tack Ship to the lastowerd at 8 do lack do the westward el 4 1/h 11. in by lake henry modrate breezes 6.1.6 12 storthing at 8 do came to anchor in hampton roads furled all spirites V sot anchor las part of this day fresh breezes S. G. I storm frumpes earpuly allended to so endes Midnischen I Chery of December 1880 This long comences with I fresh breezes B. 6 0 stonment at 8 in the wind hold to Wes. I Lat smalls war & proceded to sea of 11 an passed out by cape henry at 11 10 m passed winter speaker shale light ship modrate beggis 13 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Variation Diff. of Lat. Departure. Lat. by Ob. Distance. Course.

towards Yournal from F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. REMARKS. REMARKS. Aday of Decem 188 c this day comerces with clear walther with modrately breezes 1 11 at 12 moon passed five fathomes bank light ship et 8,0 m passa County gut light at 12 midright, the highlands of while sunt bore H. H. Watistant 10 miles frumpes cardenly Ellended to 80 andes This day somences with elear walker, with modrate bruis I'M by to a in lym to anchor of rock aware 10 bas & remand at anchos the bablance of done pumps allended to so andes 12 this day fine wather throughout wind 1.4 at 11. am fook ling & forced in oney the bar to barren stand & holed som dock so endes This day throughout wind & D. & & storming 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. in. Lon. by Ob. COURSES. REMARKS ponda, 6 day of Deam 188 c Barometer. This day throughout wind as I am comerced to dischargin Ling of Decem 1800 6 discharging so endes 7 8 Hansday & don of Decim the the one hout wind you 10 11 ussday 9 day of Decem 1880 12 Fride 10 dling on Decem barren island all of 10 11 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

towards Zournal from HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Monday of Beelm 188 of This Along Swind of water. lying Vat Barren island this day commees with alear withes with moderate breezes Of Ill at I am comerced to loade phosphi for wilmmelon 1.6 this day fine walker the lighout wind I. II. Thursday 16 day of Decem 1880 This der comences furth blear wather with moderate bruses 3 0,11 el 9 am finished boding 57.12 baggs of phosphate et 2 Pm eren came onboard et 4 Dm dowed to see made saile of proceded modrate breezes NiM at 11 de barney gat bore I'm distant 3 miles modrate breezes I. I. I pumpes allended Diff. of Lat. Departure. Lat. by D. R. Diff. of Lon. Lon. by Ob. Distance. Lat. by Ob. Variation Lon. in. Course. LEEWAY. Thermometer Barometer. REMARKS. Barometer. 188 HKF COURSES. WINDS. I his day come sees with stead wather with modrute breizes 1,1, mat 6 2 m passed jule light ship at 12 moon passed winter quare light ship last part of this day earnaburdle 18 den og Decem 1880 This Aland commences with early whither over our et 12 noon light airs N.N. 6 et 9 00m made Bodely island barring W. D. M. distant 20 miles cape halleras light bore of M 20 miles distan 10 fresh by coges N. I. M. humpes allended 12 Imager 19 day of Decom der comerces much ell breezes 1: 11 Il amoon distant 18 miles modera frearl plan Sho for est 11 Am made Mes M. by My distant 3 miles at 12 m to around the light ship blowing a q Storming frompes allended to 12 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by D. R. Lat. by Ob. Diff. of Lat. Departure. Distance. Course.

towards Hournal from Thermometer
Air. Water. Barometer. REMARKS. Mondeng 2 day of 10 even 188 c WINDS. LEEWAY. This day comences with fresh Gales W. & V storing et 400 m came to anchor of withnington bar with the Bart anchos + 35 fathous of chance called at 9 am the wind holed to the 1. If the leard at 10 do book buy lowed in over the bas to south will I came to anchoe pumper assence This day fine weller throughbut wind Ry. at & a m look steam up the river of 2 Om arrived in wismington holed sinto dock I made fad This day fine walker throughout wind It I'm at Tam commed to discharge so endes This day fine walker theory to so made? Friday 24 Ang of December 18 & 0 This day one ( walker throughout Mond) continued Ascharging 80 indes Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Salurday of 3 Decem 1880 This day throughout wind the V storming so endes 5 This and fine walker throughout wind prime continued discharging so ender 6 This day fine Sather Throughout wind of, 719 et 10 Bh fineshed discharging at & Pm towed to market st to load navel closes for fond 10 This day fine wather throughout wind P. P. 91. et 18 h comenced to take in cargo so endes Thursday 30 Day of Decem 1880 This day find wather throughout wind 19 41 committed loding while taking in eargo 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

Journal from towards HKF COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS I Include a gray of Decem 189 This deep fine wather throughout wind P.P.E. This day throughout wind the & storming continued loding one man shiped & same onhows This day throughout wind Alb & storming This stay throughout wind the storming continued locking so ender 11 12 This day shroughout some this day This day throughout wind no this day 10 12 Distance. Diff. of Lat. Departure. Lat. by D. R. Diff. of Lon. Course. Lat. by Ob. Lon. by Ob. Variation Lon. in. Barometer. REMARKS hurs 6 day of Senuary 1881 COURSES. WINDS. throughout daind? Ariden y day of Imulary Along comences with clear wather Pwith lie In look lul lowed down lame to enchos in streams with the poart anchor V 25 fathoms of 10 chane cable last part of this day modrate 11 breezes to N. 6 with stormery appearence so endes 12 Saturdley 8 day of Jennary 1881 This day throughout duind Wie of Istorning remaned et energe at smith will sell of this day so ender Sundling 9 deep of Jenuary 1881 whis der throughout and Els. Thier of stormin rememed It anchor a of this day pumper attende 11 12 Lon. by Ob. Lon. in. Diff. of Lon. Variation Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Distance. Course.

Zournal from towards HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Remarks. This day commerces with fresh gales & SEV storming at 12 moon the wind halled to the Cs. 41 at 100m towed to sea made saile & proceded light bece S. I Vover east et 12 midnight fresh gales N.E. V storming pumpes aftended to so endes Bulsday II day of Jenuary 1881 This day commerce with fresh bales I. & I stor at & El In faying fram Shale light ship bore of distant 3 miles tack other & stood back under eape fear at 160m the wind modrated lack ship I stood out sowards light. Ship. at & Dm light Ship bore S. W distant 10 miles modrate breezes N.M. so endes this day Hednesday 12 day of January 1884 This day comences with clear wather with modrate brug N.W. at & al In lack Ship to the westward at war made the land still moon took Ship to the Not the fedrel froint barring I Asslant 6 miles last part of this day ealm primpes aftended to so endes Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Turnsday day of 10, bet 1881 HKF From New York, Clowards Charleston DO Trumie no bargo A day At novin finished loading stone bame onhourd at 3 P. m crew came onhord during the day come mesterly Shis day comes in sind & ast at, 7 got Came to tankur during the misself part thick fogg and storming best part wind Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Fournal from Time Bark. towards Wharleston G. O. COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of HKF Ander 13 february 18 8 4 This day bornes in bliving heavy wind Mest at 2, I'm fet underway prouded to see at 118 me harry Gat bure S. In This day Eands blowing, heavy anna my Monday & believery 18,8% This day bownes in Horning heavy wind morns at, 2, am Abalien have my dis 10, miles at noon off himwell Island Toinds moderate shook out the ruf of Spanker Set all light sales this day has 12, hours pumps carfully alunded to Diff. of Lat. Lat. by D. R. Lat. by Ob. Course. Distance. Departure. Diff. of Lon. Variation Lon. in. Lon. by Ob. LEEWAY. Thermometer Barometer. REMARKS. HKF COURSES. This day comes in light winds S. 450 at 6, P. m. asatige bare S. 45. by S dis 13; mils of midnight winds about nother during the Back fort of this day 11 kumps carfully others to Lon. by Ob. Diff. of Lon. Variation Diff. of Lat. Departure. Course. 8, 9620-36,60

towards Charleton 5.60 Journal from Tero grk Thermometer
Air. Water. Barometer. REMARKS. day of 188/ HKF COURSES. WINDS. LEEWAY. Nite Hinduneday, 16, february, during the first part light winds and fine mather at. 11. P.m mane Cape Hatterass 69.6 Sly & during, the part of this day light taffling, winds thick fogg. mym fathern manter Ily to Calm knowps Strickly altendies Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. LEEWAY. Thermometer Barometer. REMARKS. day of COURSES. Thursday 17, Jehnary 18,8% This day, comes in balow Stick fogg, at 3, 90 m clear at 7 Pm cape Halterais N. V. V. Lacker ship of shows 10 at 11 Pour roina Pering & the during thulast part af this day, strong, lainer D. E. clar Jumps carfeelly Mindre Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. in. Lon. by Ob. 32,05

Tournal from Sur Gork, towards Charleton &.Co HKF COURSES. WINDS. Thermometer
Air. Water. Barometer. REMARKS. day of 188/ This day comes in madarationed Ente at 9 m frying pan light ship hare I for dis 2, The day Evids with moderates Doing of but East Jamps Strickly oftended to Distance. Diff. of Lat. Departure. Course. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. HKF Barometer. REMARKS. day of 188 COURSES. WINDS. His day comes in light winde E. G. E lat 9, 30 mm pro came "onhourd from No, him day layin off and on Charleston far wind from E.S.E to 8.9 Vor 11 Sulanens Island capting and pilot This day Eands with a colm and has pumps barfully attempted to 10 12 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Lat. by Ob. Variation Diff. of Lat. Departure. Distance. Course.

Yournal from In Fort of towards Charleston Ito WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of during this day light sound F. E clear The first part of this day soined A. E middles part & a crue imploued in setting up Tuesday 22 of felinary 18,81 during this day light soind S. E all hands a calm Mindensday 23, of Jehnary 18,81 during this day wind from my 3 ms men cancer of to liter Course. Departure. Lat. by D. R. Distance. Diff. of Lat. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. HKF COURSES. LEEWAY. Thermometer Barometer. REMARKS. Thursday 21, february 18,81 during this day strong breeke ASE ax 4, 5 m lower into Sulavano Island & discharge Eviday 25, february 18,81 during this stay strong winds 9, Es dischasing stone crew implaned in This stuty 10 Saturday 26, fifuary 15.81 during this day light haffling winds from 9.8 4 10.6 at 3.73 of on finished dibehargia during this day voince from & 8:8 4 89 mi Agricably and passing showers and faggey 10 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. by Ob. Lon. in.

Dournal from Charleston & Cowards. COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of HKF during shis day blowing heavy from is mon mores all hands implouseing painting Ship duesdag first Morreh 18,81 This day comes in flowing heavy Ann at 7, 30 took try and tome up the ashly River at one I'm conhenced to do an phosophete rock Windowsday 2 March 18,81 during This day light Toine N. M clear all hands imploids in painting ship and loading, Thursday 3 march 18,81 heavy from him to to at 3:30, 9 m raing Ends clear Lon. by Ob. Diff. of Lon. Lon. in. Departure. Diff. of Lat. Lat. by D. R. Lat. by Ob. Variation Distance. Course. LEEWAY. Thermometer Barometer. REMARKS. COURSES. Triday 2 march 18,81 Auring The Shis day strong wind from In A Fin at 3: 3 of P. m Jimished bracking 5 Solverday 3: march 18,81 This day comes in blowing heavy from 1. 10 et 11. a m look try lowed down the river et one I m came to ankar 6 17 t. Wharls tone 10 11 12 10 12 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by Ob. Variation Lat. by D. R. Departure. Diff. of Lat. Distance. Course.

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Yournal from Charleton & towards Melmington del COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. HKF Hundenselag 9 March 1,881 This day comes in loish a strong coind J. 6 stormes and theck a & I. m sonna increasing ferlæ all light Sales Took in spanker 2. rufed it 12, midnight caraing a way head of fit figure and set it jugged our selfs off leo Bout Howing heavy and sruf, sea at I a m come out of the Striam Jugged ourselfs of Cape Hallerass shoels at 8, am doing shiftee suddenly in asquelle West thick and blowing a gale split foresale and mainsale bent spain mainsale and how to winder 2, red spanter and 2, sup mainseles Ser ends this day Diff. of Lat. Departure. Variation Diff. of Lon. Lon. in. Lon. by Ob. Distance. Lat. by D. R. Lat. by Ob. Course. LEEWAY. Thermometer Barometer. REMARKS. HKF WINDS. COURSES. Muraday 10, March 18,8-1 This days comes in south continued gale from Ti By Shifted cargo legsel making Dones Wanter tayouring heavy bootimes through the day, promps allender to La Terros This day 11 12 This day comes in with contonne gale fr It. Whenvy sea treaking over the Essel clandery 8. a m moderate set 9th and flying who look a heavy Ryreall blowing a may flying I and saking it in soon often took in git how down the gulf stream to observe from allender & dea Earisols this days 12 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by Ob. Lat. by D. R. Diff. of Lat. Departure. Distance. Course.

Hournal from Charlet 56 towards Wilmington del LEEWAY. Thermometer Barometer. REMARKS. HKF Deterday, 2 March 48-8/ Mis day comes in soith a continue gale from M. Hi clearing, Wather Trough sein all hanges implored reparing foreself finished and sep af 6 Pm Heather mourations all hands imploued in brunning cargo last part of this day to right the Bustesols atalide by observation 3th 18 bong 73" propo allendree to des Condes this day Tunday 10 wich 19 18,81 This day comes in With Strong, Som Minds Viring, At St. 6 6 9 m ranning and Rquelly continued thoughout the day letter park do charmations pumps alludia to Horalo Mhis dey Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. HKF COURSES. LEEWAY. Barometer. REMARKS. day of Monday March 14 18.81 his day comegyn with light It ys Bound Clauday at 2, 9 me tacked ship middles bert of this does light soinds passing Thours last part threatming, walter Catalinas Ly obsaranton 3/ 5/ dends this day ands duesday, 13; March. 1881 This day comes in equally passing showers havy Dearning My off at 2, Jam blowing breavy tok in git and hove to Sill me firle farcalle Bruk layboring heavy at ha a me set 2, reef firesale and git clearing Weather ruff sea. A 12 mint schole foresele tint milles topiale fore flying gib fine anathers Hend Styl let by of 37,387 my ottendere De lendo This da 11 12 Course. Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. in. Lon. by Ob.

Fournal from Charloton Ile towards Milmighton COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of HKF Mindensday 16, March 18,81 This day comes in with a light of to soind fine Mather model part dalm Resel roling heaven at & am all hands implouse in reparing sales at 10 am light some 9 18 fine Eventy lat by obo 97, 5. 8 pennes attended to Den Emas this story Diff. of Lon. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Lon. in. Lon. by Ob. Variation Distance. Course. WINDS. LEEWAY. Thermometer Barometer. REMARKS. HKF COURSES. Thursday 17 March 18,81 during these 24 hours moderate loine from 6 9 6 h 9.6 storming think passing showers Triday 18, March 18,81 This day comes in strong soind & S.E Thick at 8,50 from made bege Hendopen light lay out Gide de Saturday 19 Harch 18:31 Suring Istus day, floring heavy from N. E. Storming laying of Frilington delenares Jannes Minded 15 Suring the first of this day below at 12,30 look trig towner into Wilmington 18,30 this day brids with a strong Wind St. you propos Minerales 13 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by Ob. Departure. Lat. by D. R. Diff. of Lat. Distance. Course.

Asondey 21, March 18,30 This day comes in with a Atrony, Journal St. For during the middle part of this day direct sates onbent and sent them on Shoars at b. I'm commenced to discharge barga pumps attended to Theseday 22 harren 18,8% during this day blowing heavy from Mits clear discharging cargo all day. Mindensday, 23 March 18,21 during this day strong France Hart This day win with a light wind sight and south a by Ends Ebriday 25; March 18,81 Misday comes in with a strong doind Sid for mainthopmast come up with the main riggin to ful funds couth Saturday 26. March 18,81 This day ames in light wind Auther Anowing,

Yournal from Miladolphia towards Fallries hass H K COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. 1881) This day Cornes in with frantly Polondy wethers lite at 10 am All hands onboard turned to at bending sails at by mis at anchor the western eset and the Shift property taken Care off this day Ines day the 5. th this day bomes in with hastly tolonday wellies I toold and Snow and fresh of W. Gails of wind lat. I. am pt under way and · proceded down Eines at to am tome to at Bilings port the pumps tride find all lite so Ene Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. Course. LEEWAY. Thermometer Barometer. REMARKS. Wedthe 6 they of cafeel 1881 HKF COURSES. WINDS. This Day bomes in With fartly Cloudy and Snow and . M. W. goils of wind at 1.12 am got under way and proced down riper the day hast with fresh at The gails at y from hast-out of Cape henlopen Libed offer all Soils and all is well and pumps tride so inches Thursday the The april 1887 Tis clay Comes in with telege wether and . W. el? We winds at 1 om made Barny gat Nov & lite at y am abresse of Isome lite fentle bees at non warm wind of Wollen lite is from made for tother attended 12 Lon. in. Diff. of Lon. Lat. by Ob. Variation Lat. by D. R. Diff. of Lat. Departure. Distance. Course.

Yournal from Schilade life towards Thall reme LEEWAY. Thermometer

Air. Water. Barometer. REMARKS. Liday of Start 188) HKF COURSES. WINDS. this day of omes in : Wounds past in by montant from tatos · lam at // am abrest of point quell at I frast, in by dew fort at 4 plm come to anchor at pall siver latten in all Seige tidd up and pumped Ship and the day past Statterday April the 9 1881 This day tomes in with Clear welling and proposes the men turned to at work on Ship at 3 pm taken ofteam and towed to the globe av harf made fast wind holling of & fresh and all is well to Ends this day 10 Sunday Appil the 10th 1884 This day Comes in 10 leas welker and Mills winds lite
12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. LEEWAY. Thermometer Barometer. REMARKS confusthe 19ay the 19ay of 1881 HKF COURSES. WINDS. With blear wether and I. S. M. winds lite at & em redumed work onloading Ship the men burned to at work on Ship and the day frall in Same lifte manch Isa Ends Mis of 24 hours Shillsday April. the 12th 1881 this day bornes in with Cloudy wether and I winds at 10 am wind 8 & Snowing at 11 Stopped work ving to the Storm the day Ends in Same like mones Wedensday. The 13 th 1881 This day bornes in with lite NE wingle and halin at famo Same maner and all is well hast in When feed of winds at 9 am got unloaded and al 4. fr m gol Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. in. Lon. by Ob.

Journal from Niantie C/ towards Charlston. SE HKF COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Water. Barometer. REMARKS. Water. This day Comes in With I'E winds and Clockdy at 10 am Slife rains at 4 fin blear Roll
off Still takeing in Stone as borge
the latter was foliar wether and telm So Ends this day the framps wide Isaltine day the 23 nd Elear, wether, and lite Is winds Still loading stone and all is well with frimps leastfuly attended Sunday april the 24 th 1881 This day Comes in with Clear wither and S.W. wind the latter frust in same like maner with the Monday The 25-Eleas wether lite of formes in with at wharf Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. -Lon. by Ob. COURSES. WINDS. Barometer. esday the 26th 5 6 7 Clear wether Calm 10 11 12 Medensolar april the 27th this, day termes in 10 11 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

Dournal from Mantie CF towards Charleston & Co Barometer. REMARKS. Hurs Solvy Day of the april 1887

this day toomes in
with thick food LEEWAY. Thermometer
Air. Water. H K R COURSES. WINDS. and N.W. winds lite Wind We lite thick wether the terne imploid in takeing bege at. 12, noon montants Som William boreder & disten 35 miles the pumps Carfuly eszin at I fim blear 28 8 Th thick fog lite 8 Wwind Solow the lat hast with blear wether So Ends this day 8, Lon. in. Variation Diff. of Lon. Lon. by Ob. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Course. Distance. Barometer. REMARKS. Weid The 2 gay oft april 1881 HKF COURSES. WINDS. LEEWAY. This day toomes in wethe and lite I winds at 6 am partly to Ship Thropers 11 South west winds at 4 fm Calm at 5-30, hm a Strong breeye the latter word tenting and Eleas wethe and the day past fl 10 12 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Variation Diff. of Lat. Lat. by Ob. Departure. Distance. Course.

Yournal from Mantie of towards Charleston & C HKF COURSES. WINDS. REMARKS. Set the 30 Physic 188 V this day bornes in Twith Clear wet and lite Eastword winds balm at 4 am winds es. at y am es lite most Calm four Calm. and. Eleas 10 at 12 novn wind Sprang up SSE S.S. E lite 12 at 3 pm made absicon lite house at 4 pm it bore. With with Ship taken in lite Sails at 10 pm on course s. W at midnight Strong seeme S. E. the pumpy and allis Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. COURSES. WINDS. REMARKS. Sunthe day of may Barometer. this day Cerme 80 m with strong er & winds and Eleas ite island on this day downed in with of 8. M winds at 2 am made tager 10 and sum 11 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

Journal from towards REMARKS. Ineldon the 3th may 1881 LEEWAY. Barometer. saining the Shife
properly taken
bore of
with Jumps
Strictly attended 12 at 5- from Stoad lite Sails at fim Tibed Ship and fall is Well Lon. in. Lon. by Ob. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Course. REMARKS The lead by log of the May 1881 HKF COURSES. WINDS. this day Comes in with SWINT ONE of E im plond in taken Eare of Ship at. 9. am fresh gail et & the Latter frast attended So Ends Thussday may the 5-th this day bornes in with Cloudy wether and NET winds strong at 10 am made Ceupie soman at 3 from made Charleston lite Ships the men imploid in taken but Il! A the father hast the same Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by D. R. Lat. by Ob. Departure. Diff. of Lat. Distance. Course.

Yournal from Niantie et towards. Charleston. SC. HKF COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Barometer. REMARKS. Barometer. This day bornes in with Clear with Sail and proced in over bus at the Cashou the Chril in ploid at lying up Sails and the pumps tride Satter day may & the So Ends this day I this day bornes are with at work on Ship litting moin riggin the form fis & allevided Sunday may the 8th with blear wether of to with the o Sounday The 9th towed to wharf mad Ship fast with Colear wethers and life So winds the fumps tride So Ends Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in. H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Lees that of may 188/ this day bomes in with Slite Cloudy wether and 6 wind litet at y selsumed work on Ship and taken out borgs the latter past and all is well men Wedensday may the 11th This day Comes in with Colear wether and ENE winds lite the Care imploid at work in Ship and the fumps attended the latter past the Same So Ends and all is well Wether and NE winds this day bornes in with blear and towed to wharf and all is well is well 11 12 Stricken the 13 this day Comos in with Clears wether and Syl winds the Come imploid at work on Ship wether 8 While day deamed and with teleas Sandlas the 15 the weith 100 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Journal from Charleston & C towards barrin island HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. nonday may 16th 1881.

1 Courses. Winds. Leeway. Thermometer Air. Water. Barometer. REMARKS. Comes in with Colear wether and of E winds at 7 am began to load and the Crucinploid at work on Ship and the day past with pumps Carpuly attended So Finds Thesday the 17 may the 1881 Clear wether and SW wingle Still loading the men imploid at work on Ship Wedensday may the 18th 1881 this, day beamed in with bleur wether at 5 pm got loaded and bleared up decks wond the Jumps this Thursday may the 19 th 1881 This day Comes in with Celear wether and & Ewindels at 9 am taken Steam lowed in Steens done to anchor the ment turn tour getting ship reddy for sea the purple larfuly attended and all is well so ronds Lon. by Ob. Lat. by D. R. Lat. by Ob. Lon. in. Variation Diff. of Lon. Diff. of Lat. Departure. Distance. LEEWAY. Thermometer Barometer. REMARKS. Vs. id the day of comaz 188/ HKF WINDS. COURSES. this day tomes in with telear wether and NE, winds at 8 am taken Steam and towed to Sea at 12 noon bleared the bar and det all Sail with wind 656, like the men imploid at swork at 6 pm formounced Ships 24 miles & 88 from Churleston lite ho at & from tack Ship makking, could of of & the latter past the same the fumps tride and all is well Satturday may the 21pt miles this day bornes in with blear wether and 2 36 at 8'and & Ewinds at 8 am tack Ship SE Ebyet the men imploid at work onbord the latter past with good wether Ewinds at y from tack Ship Course waring and wind and all is well pumps barfuly attended Dundling may the 22 nd This day Comes in with lite & & & winde at 11 am wind & et & and Ship wind & 10 It breeze finding warm water gulf stream 11 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by D. R. Lat. by Ob. Departure. Diff. of Lat. Distance. Course.

towards yournal from Thermometer
Air. Water. Barometer. REMARKS. Monday the 23 may 188/ COURSES. WINDS. LEEWAY. This day Comes in with Eastword winds and Clear wether and Ship in good Condition the men imploid in taken bure of Ship and the pumps Carpuly attended there bling 5 vessels in to and fall is well by Sulsday may the 24 this day bornes in with No winds and Squaley wether and high dear runing from N.E. fresh breeye and the latter past with ME winds the pumps barfuly attended so Ends Wedensely may the 25th with blear wether and NE Twinds Ship in good Condition with fumps barful, I attended the Erne imploid work and taken Care of Shifts at 4 from parted leach rope of pore Sale hord bull tid fore Sale Cleared up rack and bent a nother Shar Sore Sale and Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. 34.12.01. LEEWAY. Thermometer
Air. Water. Barometer. REMARKS. Thursday of may the 26th HKF COURSES. this day Comes in with NE I wintell Strong and thermy wether at & am interest of wind to be goil worldhip and Carred any main peak halierd block we was oblige to soud Ship oing to the Cross hevy for Erning from Tall points and bording Ship from forward by aft the pumps tridle often and Ship Wiling as I good wether as buff be aspectful 10 ding to the bigh, Sea the gemaindes of the day that in laken bure of Ship on I and prompts bearfully attended all is well to Ends this & 4 hours Riday may the 2,7th 181 this day bornes in with et & winds and Storm and henry Sla fungage from all points still those too the pumps burgely attended finde ship making watter the bene imploid at taken Care af Ship at 4 from made main Sail 10 and flying file wind & & & fresh and teleur Course. Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Journal from towards \_\_\_\_\_\_ HKF COURSES. WINDS. LEEWAY. Thermometer

Air. Water. Barometer. REMARKS. Dalarday of the 28 th this day Comes in with Clear at 1. pm male baped hattess lite with other wellels in to and all is well the men imploid at work the punchs attended Sunday may the 29th 1880 this day learnes in with bled wither and balon at 4 am Cape hattess bore et. W. dis of about 12 miles at 8 am lite wind 838 at 12 moon bape lite bore It. at 4 hm there was sman of wor halt in towe with Each other than wars runing of our bourse being My E and the from the attended and all is well up to this hour the latter past past with bulin wether so Ends this day of 24 hours monday may the 30th this day Comes in with blear I wetter and Calm at- 7 am the watch turned to by master of Ship unbent foresail to report at 8 bells fall hands turned too, mending Sail at 10 am one seamen Stoped work and went below the master of Ship ask him. kindley to turn too and help fix the Sail as the Ship was unmanagble with out the fore Sail of repulsed and wold not half to there fore he is loged of repulsing to do Ships duty in Cale of nead to Ende this day Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Juesday daylofe 31/h m. 1881 HKF This day bornes in with Clear wither and Calm at y am god breakfast and turned to painting Ship and doing Ships duty will the fumps baspuly, attended and the latter part of the day strust with a lite Wedensday from the 1. 1881 This day and month Gymes in with Clear wether and warm and lite S. S. M. and during the first part of the day blear the latter partity Cloudly and Calm at 10 12hm taken a lite Squal with symprain laken in lite Sails and fore Sail the frumps attended and all is well so Ends this 24 hours Thursday June the 2 md 1881 This day Comesin with Calm 7 Mether and Squaley at 5-on Change of wind NE fresh breeze with rain and Jog at 3 fin knude Cape hendspip lite her Jah 6 pm hast jin Come to anchor in break watter bel liede all Sail up and e pumps attended anchor watch Set and Relat Lon. by Ob. Lon. in. Diff. of Lon. Variation Departure. Lat. by D. R. Lat. by Ob. Diff. of Lat. Distance. Course.

towards Journal from Thermometer
Air. Water. Barometer. REMARKS. Relay the 3 nd frame 1881 HKF COURSES. WINDS. LEEWAY. this day tomes in with NE winds and Storm I ... The men imploid in laken, Garl of Shi is and all is well so Ends this 24 hours Dat June the 4 1881 This day Comes in with It is winds and lite rains. The men imploid in scraping glown Ships must at 6 pm hove I shart maid all sail. and proced to dea at 8 from Clear of teaps and the pumps tearfuly attended so Ends Sunday from the 5th 1881 lite ISM winds this day comes in with and vaberel wether and the day has past with the tatles talm and blonds and and the humps attended so Ends Monday fund the 6th 1889 This day comes in with Clear wether Colm at 06 am a breey NE varing & Eduling the latter at Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. LEEWAY. Thermometer
Air. Water. Barometer. REMARKS, Lee Stee day of Jame 188 COURSES. WINDS. in with blondy we made Sail 10 11 12 10 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon: Variation Lon. in. Lon. by Ob.

towards Charleston 8.6 Yournal from New York H K F COURSES. WINDS. LEEWAY. Thermometer Air, Water. Barometer. REMARKS. Munday day of 20 June 188 f I longing at 46 8t waiting for tern town load sine 8. E.

Trending give 21 Bu gome town load sim os w pumps attended

Wind resolve 22 loading leaves wine 8 W pumps altended

Toriday 24 loading leaves win 8 W pumps altended

Solding 25 loading leaves win 8 W pumps altended

Solding 25 loading leaves win 8 W pumps altended

Sinday 25 loading leaves win 8 W pumps altended

Sinday 25 loading leaves win 8 W pumps altended

menday 27 finish loading leaves from 10 A. a. and took and much sail and anther at Justing bity nins. E 10 Pushing 24 horseled 12 This day born in With bloom Weather Win S. W 9 am 1 mil sall and for sund the Sea 2, P. Day bone town anther in lære ur bry vin verst frumfis allended y a, m insid Sail wine or. It and firstead to Saa & afm Sand hovely bus w 10 a.m tock in let Sail 12 den maid ble Sail 60 m Barnegat Bare W. N. 1 10 mil wine Wrast 7. P. m ropin bor for Sail harted tooks ine and reaf it and work in the Sail 10 P. m maid lite Sail wind wast. Justifes allended Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by D. R. Lat. by Ob. Departure. Diff. of Lat. · Distance. Course. H K I COURSES. WINDS. REMARKS. Barometer. Chursday 30 ffune This day born in in with ment of a. m. look on for Sail and report it 9 am Sait for Sail wind NW 12 a.m Katitude, 39,04 Wind Wroat 7 P. m lacis Ship low. the weast and wind 8.8. W. 12. midnight took Ship low the Easterd took in lite Shil Alexander Alexand hagy Friday July Jumps allino this day bornin with I shopy Weather Wind North 4 a.m. maid lite Sail & am gibel Ships wind cr. er. E 12 none Latetude 37.53. Wind N. N. E. 7 P. m gibe Shipe Wind E. N. E. Svir iny this day pumps allend Galurday (July Will Clear Weather Wind N. N. E 4 am Sait lile Sail 12. None Katiluid 35.49 3. C. m maid Matteras lite Barin H. S. W 10 miles 5 P. m gite Spife Hatteras Barin cr. cr. n 15 miles 10 P. m geles Shepe N. E. N. 30. J. m associal Cape Lookout light Bain Wy. W 20 miles Sow ing this day fromps allind 12 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by Ob. Lat. by D. R. Diff. of Lat. Departure. Distance. Course.

Townal from New York towards Charleston S. C HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Munday of 9 (fully 188) This day bornin with Coliar Weather wind cr. E 2. am Ibahr Lvokvut light Bore cr. n 2 v miles vom Ratatude 3 3. 3 9 3. P. m maid Frying Pan Light Shi Burne, W.S. W & GP, m Frying Pan Light Ship Bore or Edy or 12. miles wind & cr. & pumpo allend Monday //why 4 /88/ This day be omein with light & N. E wind to am gibe Ships, wind or W. orone Latellade 33. 11 3 C. M. gibe Shipse Wind South to P. M. anaid beape Romain Light Barn W. N. W. 10 miles & dem tack shipe Romain light Barn N. W. by W. 10 miles 9. P. m tack Ship ton the meastered Wind S. W. 11 P. m trick Shipe to the Easterd Wind SAV Pumps altered Invisiony July 5' 1881 This day borning with mortered weather wind S. W I wan start Shipe tow the meastered 3.80, am lack Shipe turn the bastered 4 a.m tent's Ships ton the mashed mind W.S.W. Jam Took Pelot on board wind Wis I P. m maid beharbsten Light wind WSM. 3.30. P. m Gourse. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. HKF COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of 188

1 Wadin day July 6 /8 8 2. Am flote and burne long anker in 5 fath of water to a. m lon in and anther at Sullivar bound Shop make Know Water Wind 8, 8. W. Som in this Rumps attend Thursday July 7 1461
with anker town dowing Ships downly wind & M

Siriday July 8 188/
at anker towns downing Ships downly wind 8. W

Saturday July 9 88/
Catualay July 9 88/
cat anker town dowing Ships downly mind or to

Cat anker town dowing Ships downly mind or to

Pumps attend Sanday Huly 10 1881 Ones day wind on & Prings attend out with the wind Some Abund Some attend of the wind S. M. Prings alling 12 Course. Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

Journal from Nin Yark towards Charleston &. C HKF COURSES. WINDS. LEEWAY. Thermometer Darometer. REMARKS. Tuesday 12 garly

1 this day have shart and twee two duch 6 a. m

2 2 2 1. In dungindish argin 6 argy wind 8. W

3 Princeps attend

4 Wishinsday (July 13 188) Still decharin large brown dowing Ship douty Thursday fully 14 Still dehrgis beren dwning Shifu douly 5 P. m firskish dichrgis brown of Slow 7 tooks togo torr- on Streets and anker wind 8.6 J's dry 1/51/4 188/ m. 28. W Wind 6 It m this day bernmen With gote onder way and we and worker in Anther in And book for other Bodford mass for the Bodford mass Saturday July 16 18/ this day bommin with fine Brather Wind & 6 Lon. in. Lon. by Ob. Diff. of Lon. Variation Departure. Lat. by D. R. Lat. by Ob. Diff. of Lat. Course. COURSES. WINDS. LEEWAY. Thermometer Barometer. HKF Sunday July 188/ this day gim min with wind S. W. I waid ander 9 9 m sulls licet gover loge anters with 40 falons of Cheen Sor yn this day Tumps allend mondag Puly 8 /8 8/ Unis day bornnin mith fine Wialh all dast Wird & Do allind Tursday (July 19 1881 This day bornow with fine Wealth all days 780 Pm likes of rock born long sines Windersday July 20 1881
This day bommen with fin walt
7 a. molivinis Tacking baryo a board E. P. m tock tim lites Pumps allins Thursday Guly h 1861 this day lever mine with fine winth wind S.W. and that tast long of day Pumps allered 10 Friedry Guly ha 1888 find malher rome ed & Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Lat. by Qb. Diff. of Lat. Departure. Distance. Course.

Yournal from Charleston & 6 towards Olive Bidford mass F COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Saturday guly 23 1881
This day bommin with S. 6 got hasel seady for Sea y & m tuge and time of the Batry town andsy Sunday Guly & orn min With S& gales first and later part this day bom min with E. V. E. Wind 3 a. m how Starte of a. m log ban long Side and ton to Sea 7 am browns the Bure mind Corto sude to Ecastind UPm tack Ship how the mastard pumps alterned Unisday Guly &6 min in vill balm & am brygg of Wind or. 10 am balm with a harry S. 6 Dia 12 vene datitud 32 48 8 P. m wind S. E. Sowing this day pumps attind Wichen Solay (July 2) This day bommingrilly S. E mind & am gith Sife Word & M. 12 Non Latered 33 08 3. P. m Wins Shifts Course. Distance. Diff. of Lat. beparting Lat. by gold wind Course Punts and Course Punts all all y gold wind on a guil work in further done by John Wind Con & Punts all and F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. This day borning with NAE mind and havy Arrows - Sea 10 am lack Ship are meashed wind orle 13 rom Kalilurd 3415 / P.m Suit gave Whitsuit 3.5 m wind East 4 P. m Cook in gibs Capsail wind brugging 6 f. m gare Copacil wind S. & f. m gale from the crow Som in this day the see flying git and a harry Sey. Friday July 29 1881 this day borning with Syalls from the North with rein and harry dea I am more forsent 8,4m were shipe trond No 4 am mount spanker & an Suit gam lysaus In owne dalelund of 5 44 wind to or 6 6 Pm took in gib topesail son enythis day Daluday Guly 30 1881 This day Commin with E. N. E. Wind 4 am Salt gibe Topsil 8 am wind & with rain 12 room rue Obser vsivo min faggy first and later farte the same Punto Cittonal 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Hournal from Charleston St towards New Bedford mass H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Dunder Huly 31/88/ This day Hommin with & & Winds and rain 8 am Wind South page 12 som Latelude 3 836 4 P. m gibe main skil and stood lite Sail winds & W. 16 P. mgibe main Sail and Sail migin topsil from logs and burd gagen Barnegat Barn de 12 m 36 miles and Sait lite Sail Wind S. S. W Son ing this day Purps allised Hugeast / 188/ This day bommin Wills & S. W. Wind I am gite mans suit and sit like salt 4 gibe Spanker Wind &, H. 13 None Labelued 8996 6 1. m gibs Spanker mind sty 6. hove lead und back winty fine falter of Water 9 P. ms Fire Gland Lite bain on Mr. 16 miles wind Sight Sor ing this day lumps Williams Quesday Jugest 2 1881 This day bommin With S. S. E. Wind and haze 1.30 am Sunk die Stand lite 6 am their pogs 12 vone blear up and maid Shirmook lite Buin N. M. & Miles wind W. N. W & P. m mind & & 6 P. mo maid montants lite Bain Nt by E. 15 miles 13. mid eright Unil's foge and bame mondants lete Buin N. by & 13 miles Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. Course. COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of HKF Wedensday August 3/881 This day bommin with barne and & am believes up montant barin N. by 6 10 miles barns 2 Rom Wind & & M 12 mid cright montains tile Buse or 12 to Som eny this change Jampo Attend Churday August 4 1881 This day bommin with barn and Jogs 8 am Wind S. W and Jogs 2 P. manard Blooks Oland Barin North 5 miles hazey 10 P. m maid Vineyard & A. lightressel, Burin E.N. E. 11 11 P. m maid bully hunts and you head lites 12 Box in this day Primps Altimot O'riday August 5 1881 This day Commin With & W Wind 1230 am maid Hen and Chic Rino lite Vessel and hos tons 4 am Rips off 5 am Dumpling Rock lite 6 am black point lite 8 am game lome anker black le ous 3 Pm hold tom Bearth at Duck ate the Clark born bornany 6 0 Wharfe Wind & W and Juge Some eny this clay Pumps allind 11 12 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by Ob. Variation Lat. by D. R. Diff. of Lat. Departure. Distance. Course.

Journal from in the Port of New Bulford H K F COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Salueday Augenst 6 1881.
This day Dicharges barge amount 81 ton and 900 lbs
Wind & W Jumps Allerd Sunday Sugrast & 1881 This day borning with sim and Juge Hond & W Pumpo attom Mundage Augias 5 1881 Dicharges barge amount 76 con grand N.M Ausolan August 9 8 8 lines
Dichardgis Garge amount 100 lines
mud Pr. Jumps Allind Midensolay August 10 188 Und Dichargins Carry amount 138 times wind N. M. pumps Ultered Thursday Augus amount in all 456 toms 341 lb frush Dicharges 3. P. M and Clarke Core 6, 60 well bharge to leter the Barkin hours A at P.m (vol's toge and meant a end Baske Some in this day Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. in. Lon. by Ob. COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of Friday Jugeast 12 1881 This day learning with &. W. and layin long Side Burken teen M. G. Multon 7. am Bugin tor like her 3. Im took tengin of our tests and futy on the father lean tested b. P. m frust takin Buch off ous 7. P. m bright of anter someting this day pumps allend aluday Angras 18 18 81 10 Mungan all anther 10 am loge tely to am 11 a tong Side and tooks our tour durit I P. m 12 bagin there took 6 ngin on board & P, m gote Englis ve board and toss lage of cely and leave low antes wind S. W Som Chy This cloud the Dunday August 14 /881 lynge at langer I am hold ling Side The Barken teen and Bayen low lites Wind Vumps allind 1881 El teargrant polomone Side of the Barken tun 7 am bugin Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Dournal from Lying in Thtoward of New Birthard H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of 188 Thirsday of bying long Side of the Barken tein 1 a 177
2 bagen wir lythe of Sleph Wind N. E Pumps attents Hidensolar Angrast 17 1888 drying long Stole of the Burkers lun 5- am took and down two Delos 7 cem toos tengin a Shore 9 a m bagin ton on load mind or Pungo allund 30 (35.08 to 368 31.166 31.50 31.50 31.50 31.50 31.50 45 45 7 7 53.52 12 35730 L 16.52 Augst 24 140 September 24 October 24 November 24 Jesember 24 12 Lon. by Ob. Lon. in. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Departure. Diff. of Lat. Distance. Course. Barometer. REMARKS. COURSES. WINDS. James H. Marfean Augst 24th Wedensday Jessie Elizelieith Nevember 2m Vovember 18th 3 4 5 6 17 8 9 10 11 12 5 10 11 12 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by Ob. Variation Lat. by D. R. Departure. Diff. of Lat. Distance. Course.

Yournal from New York towards Har Come HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of 188

August 24 Wedensda & J.M., Jamed to the fool of East 19th Street

and made fast alongside a Maje to take Carge

from her Augst 25 th Shursday Presidencing Cargo all de meather fine throughous Augst 26 Fride Mice weather Recieving Cargo Aught not Saterday Hine weather Reviewing Cargo Dumps well Attended Augik 28th Aunday Sine weather Besieving Cargo Augol 27th Monday Sine weather Receiving Carge Augst 30 Juesda Sine weather Receiving Carge Ilmished loading Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. COURSES. At get. M. Sowed through the Gate, and made sail unind W. Ment and very light, Weather Amokey at 68.M. Off Eatens Nech At 8 MM. Furled the Jop sails and Outer fill and spanker had a thunder and lightening squall but no rain wind very light and calms deftember 2 tridas Comes in with Calins and dight variable airs sot the Spanker At 4. A. M. Set all, the light sails und from the Northward At, 8 A.M. blowing press but very smoker Jacked ship and stood to the wind & N.E. and by mood callin again Attop in bame to Amphor in New Haven Meather took unsettled to weher watch treef September 3rd Saterday At 1008 M. got under was the wind forth but sort hauled to the North East ward moderate and cloudy at prinsel a breeze from the North Eagh, and freshered at 12 D.M. M. Oumps well Athended Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

Yournal from New Jorks towards New Bedford T COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of 188 8/ Stember 4th Junday Comes in with a fresh breeze from the North At 4 A. M. of Point Judetts. It 8 A. M. Fached Ship and stood in show wind getting light and North Easterly soon died, ackay a calm and continued till sunset when a light breeze spring up from the fourty and East ward and continued light for the remainder of the day Dumps well Attender Comes in with a light wind from the South deptember 6th Monda brought too near the wharfor At PI.M. hawles 12 Arrived alonggide and at Inhall 2 P.M. commenced to 2 5 Papage discharge Cargo Aftender to Inesday This day begins with a for fog and continues The lear henters at morting of flency ashore all day Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by Ob. Lat. by D. R. Departure. Diff. of Lat. Distance. Course. REMARKS. Barometer. WINDS. COURSES. comes in with a dry and som clears aguar but very warm harging bargo Sump Attended day Comes in with fine weather and a fine breeze and continues so all day I ischarging bargo all day 2 Carpenters at work did not do any work today 11 12 Carpenters Fine throughout Sinished discharging Carpenters Finished their mort of 20.M. Henory no here all May 12 Lon. by Ob. Lon. in. Lat. by Ob. Variation Diff. of Lon. Departure Lat. by D. R. Diff. of Lat. Distance. Course.

Yournal from New Bedford towards New Sonden WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of 188 Afternhen With Sunday At3AM elegred up a little and got under was under case sail Af y AM. If the Bare Book wind fresh from the M. Weart At pool came to anchor of the light house Art Vallage At the get under wer with a lobbl pariable wind and had to come to a again below the fort ealing September 12th Monday This day comes in thick and dansh At 8 A. M. commenced to rain but elegared up before moon World variable after some weather fine and dry dried the us to how loading wharf. September 13 Suesday Weather fine throughout At 11A. M. immenced to load Softember 14th Wedenode Hine weather throughout No Cargon Soptomber 15th Shuroday Line weather throughout Presieving Cargo in the Murphy and Sam not at morte in the ferences 12 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. by Ob. Lon. in. COURSES. WINDS. LEEWAY. Thermometer

Air. Water. Barometer. REMARKS. The weather throughout Precieving Cargo all day Hine weather throughout I inighed loading almon aguas from the wharf in the Evening luf failed Stad a Fort Boar It I A. M. made sail and had a tow boat but this At 6. P.M. tried again and trued I made pail Wind in the sound and fresh and clear, It h of the many only the main sail, Off Of Thinnescoster Jig and Al moon With 60 M Gashed Mumhs 11 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

yournal from New Sonden towards Charleston AE H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of 188 leftember 20th Tuesday Comes in with a light wind from the M. Men and smoken in the fore now hauled more to the Northweshed In the afternoon light and variable at sungest traling and continued so to 118 M when a light breeze shrung up from the W. W. West September 2112 Wedensday somes in with a hight breeze from the M. M. Mand and smokes wind routhinged light all the foressoon in the afternoon the wind hauled mer Worthele Al 1 M. Monged out the main sail At 4 9. M. Ideed ship wind hangled 1 to the E. O. East and light and still amother At now falt to Olise 36-55. The wind continued light for the tremainder of the day Thyroday comes in with a light livery from deptember 22mg the forenoon but by the 35. 32 h Afternoon calm and continued of for the remainder of the day Sumps attended Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Variation Lat. by Ob. Departure. Diff. of Lat. Distance. Course. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. WINDS. HKF COURSES. Striday Comes in unthe a calin and continues to 4. O.M. when a light air ofrung who from the South Earl ward but soon died away again and untimed calm for the remainder the day Oumps well Attended Laterday Comes in with a calm and continues till now when a very light our sprang how the South douth bang The Aftermoon, Aft 60 11 Carritruit fight Jacked oh a calm again and continued for the remainder Comes in with a calm, and continues or with Deplember 25th Sanday Eats Palus during the day At 10 P.M. a & livery opring up from the South, South contribuell 11 12 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by Ob. Lat. by D. R. Departure. Diff. of Lat. Distance. Course.

Yournal from New London, towards Charlestown S. E. HKF COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of September 26th Monday bennes in with a light breeze from The and start to the Ment ward It noon in Sat by Obs 35.98 Menther continued September 29th. Tuesday Comes in with a light breeze from the South the fine and cleary standing to the Al nom in fal 35 1/1, in the Atersoon the mind freshing down the At 11 Buth made Stattles Light frearing fout the May Motenter 28th. Wedensday Comes in with a breeze from the der to Ment by South and continues all the Wind, continued the same for the remainder Showher 29th Shursday Comes in with the wind from the South May of the poles at 80, 1 bape Stattress Ble Verto 18 mils Wind fresh from the Bruth by East Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Distance. Lon. by Ob. HKF LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of 188 COURSES. eptember 50 th. Friday Comes in with a fresh wholesale breeze pape, the South South East at 4, It M. Cape lookout fight have North West At 11.18. Me the wind mariable from North, East to South Mill At the moon spring with again from the remainder of the day. At in P. M. All the Hrying October Mr. Saterday Comes in with a perh breeze from the Shith East by Court during the foremon the wind got light At 10. M. of the Pattle Snake to, another at 6 P. M. the Willist same allowed It 118. M. lashedogyally Reefed the Spanker) and give more chain? Polotier green Sunday Comes in fine At. 6 A. M. get under way and had been tog At noon stood in for the Bar Wind South South East and variable at 20.M. Come to Anchor of our 10 Forwed unloading place Anshor watch beef Mintherfine 14 Vallage Course. Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob.

Charelstonn S. C. Harbour October 3 nd Monday Sline weather throughout still at Anchor watch heep October 4th Suesday Comes in with fine weather and and in alongside the wharf and made fast Wedenoday Comes in with fine weather in the October 5th foremon had a rain ognall from the North remainder of the day Comes in with a fresh breeze from the October 680 North East ward and gentingles for the Discharging the gear for discharging with Discharge with working all the afternoon October 4th Striday Weather fine throughout and wind Easterly Discharging bargo all de October 8th Saturday Sine weather throughout Sinished unloading at 9th S. M. Sowed to Charelstown and Nowhord in the tokker, ready to Recieve Cargo Chother goth Sunday Weather fine throughout October with Monday lonnes in with very fine weather had a rain ognal from the Northward in the afternoon At II A. M. Mughly and Sam, and Robert would not go to work Sam and Probert was drunk bull Murphy was not , no bargo Sine weather throughout A 10 8. M. recieved thuse Sion load of Prents alongside (190) tons) October Mt. Inesday Murphy and Same paid off bent the new Homesmil October 12th Wedensday Stine weather throughouts Saking in Cargo all days Precieved 1 scow (100 Dons)

Yournal from Charelstown Statowards New Bedford Mys HKF COURSES. WINDS. LEEWAY. Thermometer Air, Water. Barometer. REMARKS. day of 188/
October 13th Shuraday Sine weather throughout Morking Cargo to
3.P.M. President I leave 80 Sons at 4 P. M., October 14th Friday Sline weather throughout Look in Solons of Cargo October 15th. Laterday & view weather throughout Finished loading at 48.11, October 16th, Sunday Give weather throughout at 9 A. M. got under weigh 11 and towed to the Brads and Amehored wine East October 14th Monday Comes in fine but at & A. M. had a rain og male from the East and South. but soon cleared up again at 114 My get under way and Tyweel our Soiled over the har had heave fram squalls and the wind, died away to, a palm of blick i had to Anchor O Chareful Golf bearing West dayth Wed, Anchor watch theel Pumps Homes October 18th Suesday At 4. A. M. South and light got under may in the foremoon had rain squalls afternoon wind uled to the South South bash halred a 3 marter in the Departure. Lat. by D. R. Lat. by Ob. Diff. of Lat. Diff. of Lon. Course. Distance. Variation Lon. in. Lon. by Ob. COURSES. WINDS. LEEWAY. Barometer. REMARKS. 10 11 Course. Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Journal from Charelstown towards New Bedfords H K COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. October 21th Striday Comes in moderate with the wind North East At 6 A. M. Weather looking very wild & not convenied to below fresh fal all moon by ble 32.59 At 3 O.M. Double Beefed The fore and Marison't and Seweld the file and lay Fumps well Attended the day October 29 a Saterday Comes in with the wind, North East by North But soon moderated All A. M. were olup and headed up North North East on the other tack At 4 A, M. shooks all the reefs out and set the files in the fore now set the light sails weather moderate and very cloudy At mon in Lat 32. 58. At 6 P. M. made The Hrying Pan Sight Ship about North East, At 8 P. M. Wind hauled South, East and variable Af midnight the fight ship here West Prings it thente leaves in with a light breeze from the South Cast Actobier 2 3th Sunday ward during the day very light and calins at more in fat 33.56 Af 49M. A light breeze spaning up from the South East Af 88.M. hauled to the South Bank 12 Lat. by Ob. Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by D. R. Departure. Diff. of Lat. Distance. Course. Barometer. REMARKS. LEEWAY. WINDS. COURSES. sails light h at and one wind 10 Sumps well & thended 11 4. M. sel termon, mod 10 Jamps well 12 Lon. by Ob. Lon. in. Diff. of Lon. Variation Lat. by Ob. Lat. by D. R. Departure. Diff. of Lat. Distance. Course.

Yournal from Charelstown S. C. towards New Bedfords Make H K F COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Odoler 76th Wedensday Comes in with a light and variable wind from the North Westward and continued during The day Rech working who the coast at & P. M. Cape Charles how West by South Weather elear Af 10 AM the wind hauled to the E. A East and very light and continued so for the remainder of the lots Pumps Well Attended October 7 1th Thursday Comes, in with a light East South East wind and calms. At moon liegan to livere who a little and hauled more to the Southward at 60.M. a mice breagl but soon got light again and continued so for the remainder of the day Oumps well Attended Odober 28th Shiday Comes in with a light breeze from the South day their and at day light grow light and up a little Weather damp and heaven and so continued for the remainder of the de Sumps Well Attended Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. COURSES. WINDS. Barometer. REMARKS 11 The Sunday 9 10 Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Variation Lon. in. Lon. by Ob.

Fournal from New Bedford towards H K F COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Otober 31th Monday Comes in with rain showers and fog at 5 th. the got under way And Amchaed in Clarks Covers

at 3 P.M. Haveled along side the Wharfe Praise Pressures

and fog all the day

brew Paid of Ownsho well Attended November 1th Tuesday Comes in with rain storms and untinues all the Janenoon In the afternoon commenced to discharge, learge. Discharged about 33 tens Normher 2nd Wedensdar Corner in thicke and light rain shower commenced to discharge bargs but the Engin brooks down got the other Engin and worked the Afternoon November 3th Shursola Comes in with thick weather and continues in much all day Discharging Cargs all day At S.M. Lengin twomed whoide down November 4th Striday Comes in with stormy and rain all the forenown in the Afternoon discharging Cargo November 5th Saterday Meather fine discharging Cargo all day Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. H K F COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. November Me Aunday Weather fine throughout November 19th Monda Stine weather throughout Discharging Cargo November 8th Tuesday Weather inclined to rain during the des Finished unloading at g A M. AT 40. M. commenced to what I rad November 9th Wedenster Rain Showers and thick for all the day Sahring in Cargo in the foremon Afternoon had to step larfenters at work all the day November 10th Shursday Weather fine throughout Loading all day Notes her 11th. Striday If ine weather throughout. Sahing in Cargo in the afternoon came alward, forenoon in the afternoon commenced to rain and blow and fog from the South East ward At & P. M. stopped loading after sunset wind hauled South and squally 13 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Variation Lat. by Ob. Diff. of Lat. Departure. Distance. Course.

Dournal from New Bedford, Metowards Charleston s. 6 HKF COURSES. · WINDS. LEEWAY. Thermometer Barometer. REMARKS. November 17 Sunday Weather fine throughout Normber 14th. Monday Comes in with fine weather At noon finished loading and ahade out out in the Bais unid was West to North and clouds At 6 R. M. the Low and Figs these Soft to of ailed and at 120 M. Made Black Island light weather looking fine Jumps Attended Manufact to I suesday Comes in with a nice breeze from the Tothe Wellmard Sunt soon turned to a calm Af 4th. M. a light breeze frome the fouth band At 5 A. Mi Freshered It May light had a ealin and the winds have led to the Worth West again At & A. M. Had the light sails Murled and the Mayihor reefed and Hurled and Theme gib flowing a toale of sund, and a heaven seg Jebbed Ship and Those wing here at 4 Pull Anon maderatet At 60. A filled this smoth Water and moderate wind and corried away the Hore gaff go sail down and made fast still moderating of 80 Course. Distance. Diff. of Lat. Departure. Lon. by Ob. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. COURSES. WINDS. LEEWAY Barometer. REMARKS. 188 5 10 10 11 12 Course. Distance. Diff. of Lat. Departure. Diff. of Lon. Lat. by D. R. Lon. by Ob. Lat. by Ob. Variation Lon. in.

Hournal from New Bedford: towards & harleston COURSES. WINDS. LEEWAY. Thermometer Barometer. REMARKS. Morenber 19th Saterday Comes in with a fresh breeze from the South Auth Well Diegled the Span har and purled the ying tile a heavey oca for At 8 A. My the West out of the Spanker and set the Thing I belowing tresh and a heavy oca on mathing the best of nor way to the West ward off Just Al Barnigal Jacked ship and the wind to the North West ward, but still a heavy the unind routineed to Streshen At 6 P. M. Reefeds Spanter, a heavey crop sea running and shipping a good deal of water weather looking storms At 11 O.M. Starled The Mainsail Blowing a gale of wind and shipping great quantities of water Jus men at the Wheel Pumps well & Hended The Sunday Comes in with a gale of wind from the North West ward under the fil and I needil and reefed Spanher, and a very heaven cropoca shipping water in all directions the waves surlained across our deches at times I we men to steer at 1A.M. sighted the Five Fathon Band bight Ship to Windward moderated towards 2 A.M. and going easier It 2/2 A.M. sunh with Blowing hard and the oca becoming more regular A.M. Jet the reefed manigail At 3 P.M. short The keef out of the spanter and set the Hying Hil moderate and the wind Worth Easterly At 4 PM filled This and set the full mainsail and main and mitt en topoails for the remainder of the lan underate

Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. Course. Distance. and the wind variable to the East ward At to P. M. set WINDS. LEEWAY. Thermometer Barometer. REMARKS ne of the factor of his water. HKF COURSES. the file Topsail and fore topsail Punths well I thended Normher Mr. Monda Comes in outh a light and variable wind from the North tark bast to bash weather clear At day light clouded over from the forth Mellemand in the fare woon the wind hauled to the fourth douth West land light of Non Body Island, light work With South to South Mistant 5 miles in the Afternoon drighing nain and calms at 7 BM, cleared Who a little Of At sunset the wind, was South by Man 10 at the M. South West to West on the first watch hauled to the North with driggling kain and non masty and so continues for the remainder of the wenter 22th Juesday Comes in with a Northele wind and moderate with driggling rain and very nasty At the h saw Cafe Hattreff light from Abaff bearing South et At 8 H.M Alecred for Cape fookent Mind North North, East and blowing Street At 5 D. M. reefed the Spanbor At & P.M. reefed the mainsgil Plowing hest and mosty looking and continued so for the remainder 10 11 Oringe A Mented 12 Lon. by Ob. Lon. in. Diff. of Lon. Distance. Variation Lat. by D. R. Lat. by Ob. Diff. of Lat. Departure. Course.

Yournal from New Bedford towards Charlestons H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. Valender 25th Wedensday Comes in with a peph livery from the North East and very dark and cloudes at day kight more moderate set a too In the forenon haves pain oqualls at moon as calm but masty loto hing before 10. M. had a same not of the south Mest and rain shortened out had heavy raish oqualls all the Afternoon, very heavey Hurled all the light pails and hat a rest in the shainsail at 58. M. moderate with a heaven sweaking at 60. M. a salm and a lorop sea on Hawled down the Til and Horesail main boen got adriff and Shanker Bron carried awar the Fackel and brutch rohe got it secured and carried away the Johning with at a O.M. out the Hornail and lit light wind from the Northward and so ends the da. Atomoet muche the drying Pan November 24th Shursday Comes in with a light breeze from the North Blowing a gader of mind all the Horemoon mainsail stell belowing fresh but less sea on At 60 M hauled down the offying Jib and reefect the Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of 188 HKF COURSES. Bumpswell Attent Anomber 25th Striday Come in with a fresh lereeze from the Northward and fine and clear At day light set the Hyping file

5 Arrived when justice got a tow Boat and fad to Ancher off Charleston at 4 D. M. Journed to the End of a Wharf November 26 th Laterday Stine weather throughout Commenced to discharge November 24th Sunday Weather fine throughout Nobember 28th Monday Weather fine throughout Discharging Cargo November 29th Suesday Comes in with rain and continues raining more or lefs all the day No Hargo Discharged November 30th Wedensday Comes in with Jag and dull clouds.

11 Discharging Cargo aft day Crew Engaged in warrious Course. Diff. of Lat. Distance. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. by Ob. Lon. in.

Journal from Charleston towards H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. December 1th Shursday Comes in with fog but som clears away
and clears up. Discharging Cargo all day
brew Engaged in various duties December 2nd Striday Comes in with fine weather and soutines so throughout Discharging Cargo all day Crew Engaged in various duties Desember on Saterday Comes in with a fog but clears up during the Jorenoon Atto A. M. Winished discharging Cargo and toused to the Astley river and Anchored Waiting for bargo brew Engaged in various duties, Desember 4 the Sunday Comes in with rain shower and continues masty all the day Desember 5th Monday Comes in with a fog lint soon clears up the remainder of the day fine 1007 Presieved 1 Scow of Fresh 100 Sons December 6th Tuesday Sine weather throughout bommenced to take in Cargo took in one Sour Load, Corew Engaged in various duties Recieved two Seon of Cargo Too Jons Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. Lon. in. Lon. by Ob. Course. Distance. H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of Desamber It Wedensdag Stine weather throughout Jahring in Cargo all day Decomber 8th Thursday Comes in with fine weather and continues is throughout Engaged in taking in Cargo all day neceved two Seous Loads of Mark 200 Decomber 9th Striday bomes in cloudy and heavery at 9 A. M. commenced to rain and rained more or less all the day stevedores 10 December 10th Saterday Comes in with fine weather and continues fine throughous sin the forenoon and engaged in getting ready for sea in the afternoon dropped down to the roads and anshored December 14th Sunday Blowing fresh from the North East all day sember 12th Menday Comes in with Jog and a light wind from the Worth East cleared up about 10 t. M. and the wind hauled to the East ward at sunset wind light South East Crew Engaged in various duties 12 Lon. by Ob. Lon. in. Diff. of Lon. Lat. by Ob. Variation Distance. Diff. of Lat. Departure. Lat. by D. R. Course.

Fournal from Charleston I. E. towards New Bedford Stay COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. December 15th Tuesday Comes in with fine weather wind South East and very light at 8 A. M. got under way and towed but over the Par at moon outside rafing till suns of when a light air afrung up from the douth douth East, and continued for the remainder of the day at midmight Rattle Inake Light thip have M. d. M. distant 10 miles Pumps Attended, Piliot and Captain drunk Pasauler 14 Wedensday Comes in with a light breeze from the South South East and fine and clear weather with a heaven swell on At 2 S.M. commenced to bloud up in the forth fouth of ward and we goon had pain qualles Al 4 P.M. Surled all the light outs tt. 6. O. M Found that the current had carried his to the West word of the Frying Pand Light ship Jacked and stood of heave swell list Miderate Sumps well Attalisted Comes in with a product wind from the South South He December 16th Thursday and variable and calms & 5 & M. cleared the highest At to A. M. had a heave burnt out of the North North of shortened and reeffed the sails continued beforeing at hard hovettoo under I reeked foresail and Wheater sea on and continued so for the remainder of Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. Course. Distance. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of Comes in with a gale of wind from the North Wath East and a heaves sea ruhning At & A.M. Were ship and stood to the Westward. At noon but two, ree, in the spanker and set it At 4 P. M. Hurled the Spanker and were thing and stood to the East ward still belowing heaven, and continues so for the remainder of the day Pumps well Attended Saterday Comes in with a heaven gale of juind from North North East and a heaven sca rushing t 4. A. M. Set the fil and were ship and Verthewar, dund moderate and handling moon, shook all, the reefs out off calm Atmost reflet statute, heaven At Syrked the Span her weather Gobring very trag 60. M. Cleared up herry fine At & P.M. Hel Marker again still a heaven swell in and so ends the day Jumps well & thended Captain disegreable December 18th Sunday Comes in with a light breeze from the North East, at Jacked ship and stood to the Eastward At noon in Lat 34.08 30 Awater in the afternoon calm and light airs, towards might 11 light breeze spring up and variable from North Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Diff. of Lon. Lon. by Ob. Variation Lon. in.

Fournal from Charleston towards New Bedford HKF LEEWAY. Thermometer Barometer. REMARKS. WINDS. Desember 19th Monday Comes in with a light wind from the North to North North East at day light set the topsails wind still very light and Easterling Af noon in fat 34-31. Afterdroon wind still light and the wind East North East and variable At sunsed furled the topsails weather fine and clear in the first water Pumps Attended December note I wesday Comes in with a light breeze from the North East Ver East self the topsails Wind light during the forenoon Al moon in fat 35. 53. Afternoon wind light and calm and varing to the South wand and so for the remainder December W. Wedensday Comes in with a raling and continues so till day light when a light air sprung wh from the East ward and continued light all the frences Al noon in fat 36-09 Afternoon and towards night the wind perhend a little but continued light for the remainder of the day Pumps well & Stended Captain disagreable and very sully Desember 2h Shurodan Comes in with a light breeze from the East at douth but the wind continued light all the Sterenoon and Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation Diff. of Lon. in. Lon. by Ob. Course. WINDS. LEEWAY. Thermometer Barometer. REMARKS. day of 188 HKF COURSES. did not there wind about doute doute cart all the afternoon Documber 73th Friday This morning of asked the Captain what I was going to do and to be use had some words together which ended by him puting my of Maty And their I went below he blamed me for Museung the mon James Ho Machin Deventen 23 d & Clerite am el Bind that the that has treed to work against the interes! It all corrierned Tosolered thin off deet and on examination friend the show les etter in this down 18 and Ather the delet & Capt come on board I dound which assertion must be fromed Corremending Sopr fersie Elizabeth Lon. by Ob. Lon. in. Diff. of Lon. Lat. by D. R. Distance. Diff. of Lat. Departure. Lat. by Ob. Variation Course.

Journal from Charleston S. C. towards New Bedford Mess H K F COURSES. WINDS. LEEWAY. Thermometer Air. Water. Barometer. REMARKS. day of 188 Dei 28. 1881 100 Clouk a m Cape (mon light house beary West 15 miles Dist light - Robin of From S.W. Frage at interval, middle fart the same 20 Clor 12 change of wind So N West cleasing away for wishel blowing strong With Suit squally offers led Top sails asht jeh Dopsai by O Clor 13 Jamelok down Apart Res and firsted it also flying fig 10 betor 18 aboliona light & bosy west dork & cloud Berel Stight mate off dut fors conduct tunber ominastil officer 10 0 blowing wind hauled most blowing a gale Jurled Spanker of John Thought & Reefed Foresail & maintal There for so end this day ho Observation Dei alft Continued Fale from Horth Shurf Den 10 O Stort am on burne morderated set full foresciel and main al & fil I for det Whole spanker and fill of the live the and den zoing down therell mothering & N Exast cerery I Backentint in company At Obstravition dot fact outnot our Sthis dry Lon. by Ob. Lon. in. Departure. Diff. of Lon. Distance. Diff. of Lat. Lat. by D. R. Lat. by Ob. Variation Course. HKF COURSES. WINDS. LEEWAY. Barometer. REMARKS. day of 188 10 11 12 ani 10 Course. Distance. Diff. of Lat. Departure. Lon. by Ob. Lat. by D. R. Diff. of Lon. Lon. in. Lat. by Ob. Variation

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